

# String Phone Project

## What you need:

- 2 paper cups
- A sharp pencil or sewing needle to help poke holes
- String (kite string and fishing lines work well)

## Instructions:

1. Cut a long piece of string, you can experiment with different lengths but perhaps 20 metres (66 feet) is a good place to start.
2. Poke a small hole in the bottom of each cup.
3. Thread the string through each cup and tie knots at each end to stop it pulling through the cup (alternatively you can use a paper clip, washer or similar small object to hold the string in place).
4. Move into position with you and a friend holding the cups at a distance that makes the string tight (making sure the string isn't touching anything else).
5. One person talks into the cup while the other puts the cup to their ear and listens, can you hear each other?

This project was found at:

<http://www.sciencekids.co.nz/projects/stringphone.html>

For more fun projects, check out this website.